NUMBER 1

January–March 1986

1985 Distinguished Economic Botanist Award 1

Lettuce and the Sycomore: Sex and Romance in Ancient Egypt *Jack R. Harlan* 4

Essays Commemorating 40th Volume of *Economic Botany* 16

- Reminiscences about Dr. Fulling *Arthur Cronquist* 16
- Edmund H. Fulling *William C. Steere* 18
- Reminiscences of Seventeen Years of a Rewarding Experience *Richard Evans Schultes* 20
- Recollections of an Associate Editor *Robert F. Raffauf* 24
- My Life as a Book Review Editor: A Review *John W. Thieret* 24

Collection and Evaluation of Pearl Millet (*Pennisetum*) Germplasm from Malawi *S. Appa Rao, M. H. Mengesha, P. K. Sibale, and C. Rajagopal Reddy* 27

Ethnobotany of Hill Tribes of Northern Thailand. I. Medicinal Plants of Akha *Edward F. Anderson* 38

Vernonia galamensis, Potential New Crop Source of Epoxy Acid *Robert E. Perdue, Jr., Kenneth D. Carlson, and Michael G. Gilbert* 54

Accurate Documentation of Germplasm: The Lost Guatemalan Teosintes (*Zea*, Gramineae) *Hugh H. Iltis, Duane A. Kolterman, and Bruce F. Benz* 69

Archaeological Manioc (*Manihot*) from Coastal Peru *Donald Ugent, Shelia Pozorski, and Thomas Pozorski* 78

Medicinal Plants of the Sierra Madre: Comparative Study of Tarahumara and Mexican Market Plants *Robert A. Bye, Jr.* 103

Society for Economic Botany—Report of the Twenty-Sixth Annual Meeting *H. Garrison Wilkes* 125

Book Reviews 53, 102, 129

Notes 37, 124, 136

Issued 14 February 1986

NUMBER 2

April–June 1986

Evidence for Cultivation of Sesame in the Ancient World
Dorothea Bedigian and Jack R. Harlan 137

Mass Selection for Increased Resin Yield in *Grindelia camporum* (Compositae) *Steven P. McLaughlin* 155

Grindelia camporum: Potential Cash Crop for the Arid Southwest
Joseph J. Hoffmann and Steven P. McLaughlin 162

Changes in Fruit Shape in *Proboscidea parviflora* ssp. *parviflora* (Martyniaceae) with Domestication *P. K. Bretting* 170

Fevillea—a New Oil Seed from Amazonian Peru
Alwyn H. Gentry and Richard H. Wettach 177

Resin Classification among the Semelai of Tasek Bera, Pahang, Malaysia
Rosemary Gianno 186

Potential of the Neem Tree (*Azadirachta indica*) for Pest Control and Rural Development *Saleem Ahmed and Michael Grainge* 201

Ethnobotany of the Jicaque of Honduras *David L. Lentz* 210

Tannins from Four Common *Acacia* Species of Texas and Northeastern Mexico *D. S. Seigler, S. Seilheimer, J. Keesy, and H. F. Huang* 220

Ginseng: America's Botanical Drug Connection to the Orient
Alvar W. Carlson 233

Book Reviews 176, 185, 232, 249, 250

Annotated Bibliotheca 255

Notes 219, 259

New Editor for *Economic Botany* 260

Issued 1 May 1986

NUMBER 3

July-September 1986

SYMPOSIUM: ECONOMIC BOTANY IN THE YEAR 2000

Economic Botany: Past and Future *Charles B. Heiser* 261

Import of Palaeoethnobotanical Facts *C. Earle Smith, Jr.* 267

Plant Drugs in the Twenty-first Century *Varro E. Tyler* 279

Plant Breeding: Past Achievements and Expectations for the Future *Donald N. Duvick* 289

International Prospects for Cooperation in Crop Research *Donald L. Plucknett and Nigel J. H. Smith* 298

Mosses, Liverworts, and Hornworts Screened for Antitumor Agents *Richard W. Spjut, Matthew Suffness, Gordon M. Cragg, and Daniel H. Norris* 310

Ethnobotanical Observations from Cabecar and Guaymí Settlements in Central America *Donald L. Hazlett* 339

Patterns of Morphological Variation in *Sesamum indicum* *Dorothea Bedigian, C. A. Smyth, and Jack R. Harlan* 353

Rubber Content in Diploid Guayule (*Parthenium argentatum*): Chromosomes, Rubber Variation, and Implications for Economic Use *John M. Miller and Ralph A. Backhaus* 366

Chemical Composition of the Water Fern, *Salvinia molesta*, and Its Potential as Feed Source for Ruminants *Mathew Moozhiyil and Josef Pallauf* 375

Book Reviews 365, 374, 384

Notes 309, 395

Manuscript Requirements 396

Issued 1 August 1986

NUMBER 4

October–December 1986

Use of Paintings from the 16th to 19th Centuries to Study the History of Domesticated Plants *A. C. Zeven and W. A. Brandenburg* 397

Ongoing Evolution of the Potato on the Altiplano of Western Bolivia *Timothy Johns and Susan L. Keen* 409

Frankincense and Myrrh *Arthur O. Tucker* 425

Potential Resource Materials from Ohio Plants *M. E. Carr, W. B. Roth, and M. O. Bagby* 434

Ethnobotany of Hill Tribes of Northern Thailand. II. Lahu Medicinal Plants *Edward F. Anderson* 442

Phaseolin-protein Variability in Wild Forms and Landraces of the Common Bean (*Phaseolus vulgaris*): Evidence for Multiple Centers of Domestication *P. Gepts, T. C. Osborn, K. Rashka, and F. A. Bliss* 451

Phaseolin Variability among Wild and Cultivated Common Beans (*Phaseolus vulgaris*) from Colombia *P. Gepts and F. A. Bliss* 469

Use of *Derris* as a Fish Poison in Guadalcanal, Solomon Islands *Paul P. Rickard and Paul Alan Cox* 479

Search for New Natural Sources of Morphinans *Hubert G. Theuns, H. Leo Theuns, and Robert J. J. Ch. Lousberg* 485

Book Reviews 408, 424, 441, 450, 497, 498

Annotated Bibliotheca 505

Notes 484, 504, 508

Index to Volume 40 509

Index to Book Reviews in Volume 40 530

Index to Book Reviewers in Volume 40 536

List of 1986 Manuscript Reviewers 537

Statement of Ownership 538

Contents of Volume 40 i

Issued 1 November 1986